



OWI3340F TYPE

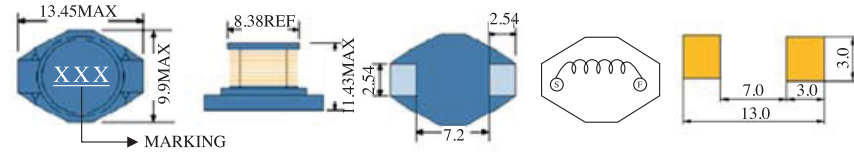


FEATURES

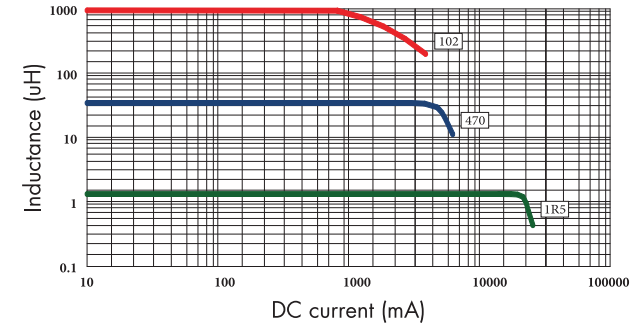
- 1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

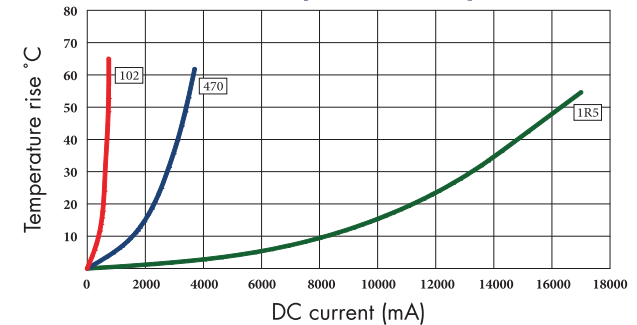
- 1. Power supply for VTR, OA equipment.
- 2. LCD television set, notebook PC.
- 3. Portable communication, equipments.
- 4. DC/DC converters, etc.



OWI3340F Inductance decrease by current



OWI3340F Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWI3340F SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI3340F-1R5	1.5	100KHZ	11m	18	13.5
OWI3340F-2R2	2.2	100KHZ	15m	14	11.5
OWI3340F-3R3	3.3	100KHZ	12m	15	10.5
OWI3340F-4R7	4.7	100KHZ	25m	10	8.50
OWI3340F-6R8	6.8	100KHZ	30m	9.5	6.10
OWI3340F-8R0	8.0	100KHZ	35m	9.0	5.60
OWI3340F-100	10	100KHZ	40m	8.0	5.40
OWI3340F-150	15	100KHZ	50m	7.0	4.50
OWI3340F-220	22	100KHZ	66m	5.5	3.80
OWI3340F-330	33	100KHZ	80m	4.0	3.30
OWI3340F-470	47	100KHZ	110m	3.8	2.80
OWI3340F-680	68	100KHZ	170m	3.0	2.10
OWI3340F-101	100	100KHZ	220m	2.5	1.80
OWI3340F-151	150	100KHZ	340m	2.0	1.50
OWI3340F-221	220	100KHZ	440m	1.6	1.20
OWI3340F-331	330	100KHZ	700m	1.2	1.00
OWI3340F-471	470	100KHZ	1.1	1.0	0.71
OWI3340F-681	680	100KHZ	1.2	1.0	0.64
OWI3340F-102	1000	100KHZ	2.0	0.8	0.58

1. Inductance tested at 0.25V. Tolerance of inductance:±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp. change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.